OIPE

P#7

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/006,982

DATE: 12/19/2001
TIME: 10:46:09

Input Set : A:\401c11.app.txt
Output Set: N:\CRF3\12192001\J006982.raw

SEQUENCE LISTING

ENTERED

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    4 (1) GENERAL INFORMATION:
C--> 6         (i) APPLICANT: Blaschuk, Orest W.
    7                         Gour, Barbara J.
    9        (ii) TITLE OF INVENTION: COMPOUNDS AND METHODS FOR MODULATING
   10                                CELL ADHESION
   12       (iii) NUMBER OF SEQUENCES: 47
   14        (iv) CORRESPONDENCE ADDRESS:
   15             (A) ADDRESSEE: SEED IP LAW GROUP PLLC
   16             (B) STREET: 6300 Bank of America Bldg., 701 Fifth Avenue
   17             (C) CITY: Seattle
   18             (D) STATE: Washington
   19             (E) COUNTRY: USA
   20             (F) ZIP: 98104
   22         (v) COMPUTER READABLE FORM:
   23             (A) MEDIUM TYPE: Floppy disk
   24             (B) COMPUTER: IBM PC compatible
   25             (C) OPERATING SYSTEM: PC-DOS/MS-DOS
   26             (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
   28        (vi) CURRENT APPLICATION DATA:
C--> 29             (A) APPLICATION NUMBER: US/10/006,982
C--> 30             (B) FILING DATE: 04-Dec-2001
   31             (C) CLASSIFICATION:
   33      (viii) ATTORNEY/AGENT INFORMATION:
   34             (A) NAME: Christiansen, William T.
   35             (B) REGISTRATION NUMBER: 44,614
   36             (C) REFERENCE/DOCKET NUMBER: 100086.401C11
   38        (ix) TELECOMMUNICATION INFORMATION:
   39             (A) TELEPHONE: (206) 622-4900
   40             (B) TELEFAX: (206) 682-6031
   43 (2) INFORMATION FOR SEQ ID NO: 1:
   45         (i) SEQUENCE CHARACTERISTICS:
   46             (A) LENGTH: 108 amino acids
   47             (B) TYPE: amino acid
   48             (C) STRANDEDNESS:
   49             (D) TOPOLOGY: linear
   55        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
   57             Asp Trp Val Ile Pro Pro Ile Asn Leu Pro Glu Asn Ser Arg Gly Pro
   58             1               5                   10                  15
   60             Phe Pro Gln Glu Leu Val Arg Ile Arg Ser Asp Arg Asp Lys Asn Leu
   61                             20                  25                  30
   63             Ser Leu Arg Tyr Ser Val Thr Gly Pro Gly Ala Asp Gln Pro Pro Thr
   64                     35                  40                  45
   66             Gly Ile Phe Ile Leu Asn Pro Ile Ser Gly Gln Leu Ser Val Thr Lys
   67                 50                  55                      60
   69             Pro Leu Asp Arg Glu Gln Ile Ala Arg Phe His Leu Arg Ala His Ala
   70             65                  70                  75                  80
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            RAW SEQUENCE LISTING              DATE: 12/19/2001
            PATENT APPLICATION:  US/10/006,982    TIME: 10:46:09

            Input Set : A:\401cll.app.txt
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72      Val Asp Ile Asn Gly Asn Gln Val Glu Asn Pro Ile Asp Ile Val Ile
73                      85                  90                  95
75      Asn Val Ile Asp Met Asn Asp Asn Arg Pro Glu Phe
76                     100                 105
78  (2) INFORMATION FOR SEQ ID NO: 2:
80      (i) SEQUENCE CHARACTERISTICS:
81           (A) LENGTH: 108 amino acids
82           (B) TYPE: amino acid
83           (C) STRANDEDNESS:
84           (D) TOPOLOGY: linear
90     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
92      Asp Trp Val Ile Pro Pro Ile Asn Leu Pro Glu Asn Ser Arg Gly Pro
93      1               5                   10                  15
95      Phe Pro Gln Glu Leu Val Arg Ile Arg Ser Asp Arg Asp Lys Asn Leu
96                      20                  25                  30
98      Ser Leu Arg Tyr Ser Val Thr Gly Pro Gly Ala Asp Gln Pro Pro Thr
99                      35                  40                  45
101     Gly Ile Phe Ile Ile Asn Pro Ile Ser Gly Gln Leu Ser Val Thr Lys
102         50                  55                  60
104     Pro Leu Asp Arg Glu Leu Ile Ala Arg Phe His Leu Arg Ala His Ala
105     65                  70                  75                  80
107     Val Asp Ile Asn Gly Asn Gln Val Glu Asn Pro Ile Asp Ile Val Ile
108                     85                  90                  95
110     Asn Val Ile Asp Met Asn Asp Asn Arg Pro Glu Phe
111                    100                 105
113 (2) INFORMATION FOR SEQ ID NO: 3:
115     (i) SEQUENCE CHARACTERISTICS:
116          (A) LENGTH: 108 amino acids
117          (B) TYPE: amino acid
118          (C) STRANDEDNESS:
119          (D) TOPOLOGY: linear
125    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
127     Asp Trp Val Ile Pro Pro Ile Asn Leu Pro Glu Asn Ser Arg Gly Pro
128     1               5                   10                  15
130     Phe Pro Gln Glu Leu Val Arg Ile Arg Ser Asp Arg Asp Lys Asn Leu
131                     20                  25                  30
133     Ser Leu Arg Tyr Ser Val Thr Gly Pro Gly Ala Asp Gln Pro Pro Thr
134                     35                  40                  45
136     Gly Ile Phe Ile Ile Asn Pro Ile Ser Gly Gln Leu Ser Val Thr Lys
137         50                  55                  60
139     Pro Leu Asp Arg Glu Leu Ile Ala Arg Phe His Leu Arg Ala His Ala
140     65                  70                  75                  80
142     Val Asp Ile Asn Gly Asn Gln Val Glu Asn Pro Ile Asp Ile Val Ile
143                     85                  90                  95
145     Asn Val Ile Asp Met Asn Asp Asn Arg Pro Glu Phe
146                    100                 105
148 (2) INFORMATION FOR SEQ ID NO: 4:
150     (i) SEQUENCE CHARACTERISTICS:
151          (A) LENGTH: 108 amino acids
```

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152              (B) TYPE: amino acid
153              (C) STRANDEDNESS:
154              (D) TOPOLOGY: linear
160        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
162        Asp Trp Val Val Ala Pro Ile Ser Val Pro Glu Asn Gly Lys Gly Pro
163        1               5                   10                  15
165        Phe Pro Gln Arg Leu Asn Gln Leu Lys Ser Asn Lys Asp Arg Asp Thr
166                    20                  25                  30
168        Lys Ile Phe Tyr Ser Ile Thr Gly Pro Gly Ala Asp Ser Pro Pro Glu
169                    35                  40                  45
171        Gly Val Phe Ala Val Glu Lys Glu Thr Gly Trp Leu Leu Leu Asn Lys
172             50                  55                  60
174        Pro Leu Asp Arg Glu Glu Ile Ala Lys Tyr Glu Leu Phe Gly His Ala
175        65                  70                  75                  80
177        Val Ser Glu Asn Gly Ala Ser Val Glu Asp Pro Met Asn Ile Ser Ile
178                        85                  90                  95
180        Ile Val Thr Asp Gln Asn Asp His Lys Pro Lys Phe
181                    100                 105
183 (2) INFORMATION FOR SEQ ID NO: 5:
185        (i) SEQUENCE CHARACTERISTICS:
186              (A) LENGTH: 108 amino acids
187              (B) TYPE: amino acid
188              (C) STRANDEDNESS:
189              (D) TOPOLOGY: linear
195        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
197        Glu Trp Val Met Pro Pro Ile Phe Val Pro Glu Asn Gly Lys Gly Pro
198        1               5                   10                  15
200        Phe Pro Gln Arg Leu Asn Gln Leu Lys Ser Asn Lys Asp Arg Gly Thr
201                    20                  25                  30
203        Lys Ile Phe Tyr Ser Ile Thr Gly Pro Gly Ala Asp Ser Pro Pro Glu
204                    35                  40                  45
206        Gly Val Phe Thr Ile Glu Lys Glu Ser Gly Trp Leu Leu Leu His Met
207             50                  55                  60
209        Pro Leu Asp Arg Glu Lys Ile Val Lys Tyr Glu Leu Tyr Gly His Ala
210        65                  70                  75                  80
212        Val Ser Glu Asn Gly Ala Ser Val Glu Glu Pro Met Asn Ile Ser Ile
213                        85                  90                  95
215        Ile Val Thr Asp Gln Asn Asp Asn Lys Pro Lys Phe
216                    100                 105
218 (2) INFORMATION FOR SEQ ID NO: 6:
220        (i) SEQUENCE CHARACTERISTICS:
221              (A) LENGTH: 108 amino acids
222              (B) TYPE: amino acid
223              (C) STRANDEDNESS:
224              (D) TOPOLOGY: linear
230        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
232        Asp Trp Val Ile Pro Pro Ile Ser Cys Pro Glu Asn Glu Lys Gly Pro
233        1               5                   10                  15
235        Phe Pro Lys Asn Leu Val Gln Ile Lys Ser Asn Lys Asp Lys Glu Gly
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```
236                 20              25              30
238    Lys Val Phe Tyr Ser Ile Thr Gly Gln Gly Ala Asp Thr Pro Pro Val
239             35              40              45
241    Gly Val Phe Ile Ile Glu Arg Glu Thr Gly Trp Leu Lys Val Thr Glu
242         50              55              60
244    Pro Leu Asp Arg Glu Arg Ile Ala Thr Tyr Thr Leu Phe Ser His Ala
245    65              70              75              80
247    Val Ser Ser Asn Gly Asn Ala Val Glu Asp Pro Met Glu Ile Leu Ile
248             85              90                  95
250    Thr Val Thr Asp Gln Asn Asp Asn Lys Pro Glu Phe
251             100             105
253 (2) INFORMATION FOR SEQ ID NO: 7:
255     (i) SEQUENCE CHARACTERISTICS:
256         (A) LENGTH: 108 amino acids
257         (B) TYPE: amino acid
258         (C) STRANDEDNESS:
259         (D) TOPOLOGY: linear
265    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
267    Asp Trp Val Ile Pro Pro Ile Ser Cys Pro Glu Asn Glu Lys Gly Glu
268    1           5               10              15
270    Phe Pro Lys Asn Leu Val Gln Ile Lys Ser Asn Arg Asp Lys Glu Thr
271             20              25              30
273    Lys Val Phe Tyr Ser Ile Thr Gly Gln Gly Ala Asp Lys Pro Pro Val
274             35              40              45
276    Gly Val Phe Ile Ile Glu Arg Glu Thr Gly Trp Leu Lys Val Thr Gln
277         50              55              60
279    Pro Leu Asp Arg Glu Ala Ile Ala Lys Tyr Ile Leu Tyr Ser His Ala
280    65              70              75              80
282    Val Ser Ser Asn Gly Glu Ala Val Glu Asp Pro Met Glu Ile Val Ile
283             85              90                  95
285    Thr Val Thr Asp Gln Asn Asp Asn Arg Pro Glu Phe
286             100             105
288 (2) INFORMATION FOR SEQ ID NO: 8:
290     (i) SEQUENCE CHARACTERISTICS:
291         (A) LENGTH: 5 amino acids
292         (B) TYPE: amino acid
293         (C) STRANDEDNESS:
294         (D) TOPOLOGY: circular
296    (ii) MOLECULE TYPE: peptide
301    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
303    Cys His Ala Val Cys
304    1               5
306 (2) INFORMATION FOR SEQ ID NO: 9:
308     (i) SEQUENCE CHARACTERISTICS:
309         (A) LENGTH: 5 amino acids
310         (B) TYPE: amino acid
311         (C) STRANDEDNESS:
312         (D) TOPOLOGY: circular
314    (ii) MOLECULE TYPE: peptide
```

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Input Set : A:\401c11.app.txt
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319     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
321     Cys His Gly Val Cys
322       1           5
324 (2) INFORMATION FOR SEQ ID NO: 10:
326     (i) SEQUENCE CHARACTERISTICS:
327         (A) LENGTH: 8 amino acids
328         (B) TYPE: amino acid
329         (C) STRANDEDNESS:
330         (D) TOPOLOGY: circular
332     (ii) MOLECULE TYPE: peptide
337     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
339     Cys Ala His Ala Val Asp Ile Cys
340       1           5
342 (2) INFORMATION FOR SEQ ID NO: 11:
344     (i) SEQUENCE CHARACTERISTICS:
345         (A) LENGTH: 8 amino acids
346         (B) TYPE: amino acid
347         (C) STRANDEDNESS:
348         (D) TOPOLOGY: circular
350     (ii) MOLECULE TYPE: peptide
355     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
357     Cys Ala His Gly Val Asp Ile Cys
358       1           5
360 (2) INFORMATION FOR SEQ ID NO: 12:
362     (i) SEQUENCE CHARACTERISTICS:
363         (A) LENGTH: 6 amino acids
364         (B) TYPE: amino acid
365         (C) STRANDEDNESS:
366         (D) TOPOLOGY: circular
368     (ii) MOLECULE TYPE: peptide
373     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
375     Cys Ser His Ala Val Cys
376       1           5
378 (2) INFORMATION FOR SEQ ID NO: 13:
380     (i) SEQUENCE CHARACTERISTICS:
381         (A) LENGTH: 6 amino acids
382         (B) TYPE: amino acid
383         (C) STRANDEDNESS:
384         (D) TOPOLOGY: circular
386     (ii) MOLECULE TYPE: peptide
391     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
393     Cys Ser His Gly Val Cys
394       1           5
396 (2) INFORMATION FOR SEQ ID NO: 14:
398     (i) SEQUENCE CHARACTERISTICS:
399         (A) LENGTH: 6 amino acids
400         (B) TYPE: amino acid
401         (C) STRANDEDNESS:
402         (D) TOPOLOGY: circular
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VERIFICATION SUMMARY   DATE: 12/19/2001
PATENT APPLICATION: **US/10/006,982**   TIME: 10:46:10

Input Set : **A:\401c11.app.txt**
Output Set: **N:\CRF3\12192001\J006982.raw**

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L:6 M:220 C: Keyword misspelled or invalid format, [(i) APPLICANT:]
L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:595 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:617 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:676 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:699 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:769 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:786 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:803 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:820 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:837 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:854 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:922 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:939 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
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